

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/587,452  
Source: IFWP  
Date Processed by STIC: 8/7/06

# ***ENTERED***





IFWP

## RAW SEQUENCE LISTING

DATE: 08/07/2006

PATENT APPLICATION: US/10/587,452

TIME: 09:56:46

Input Set : A:\004974.01205 sequence listing.txt

Output Set: N:\CRF4\08072006\J587452.raw

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3 <110> APPLICANT: Bayer HealthCare AG
5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
6   Kallikrein 2 (KLK2)
8 <130> FILE REFERENCE: BHC 04 01 020
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/587,452
C--> 10 <141> CURRENT FILING DATE: 2006-07-27
10 <160> NUMBER OF SEQ ID NOS: 5
12 <170> SOFTWARE: PatentIn version 3.2
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 786
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
19 <400> SEQUENCE: 1
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22 gctgtgtaca gtcattggatg ggcacactgt ggggggtgtcc tgggtgcaccc ccagtgggtg      180
23 ctcacagctg cccattgcct aaagaagaat agccaggctc ggctgggtcg gcacaacctg      240
24 tttgagcctg aagacacagg ccagagggtc cctgtcagcc acagcttccc acaccgctc      300
25 tacaatatga gccttctgaa gcatcaaagc cttagaccag atgaagactc cagccatgac      360
26 ctcatgctgc tccgcctgtc agagcctgcc aagatcacag atgttggtgaa ggtcctgggc      420
27 ctgcccaccc aggagccagc actggggacc acctgctacg cctcaggctg gggcagcatc      480
28 gaaccagagg agttcttgcg ccccaggagt cttcagtgtg tgagcctcca tctcctgtcc      540
29 aatgacatgt gtgctagagc ttactctgag aagggtgacag agttcatgtt gtgtgctggg      600
30 ctctggacag gtggtaaaga cacttggtggg ggtgattctg ggggtccact tgtctgtaat      660
31 ggggtgcttc aaggtatcac atcatggggc cctgagccat gtgccctgcc tgaaaagcct      720
32 gctgtgtaca ccaagggtgt gcattaccgg aagtggatca aggacaccat cgcagccaac      780
33 ccctga
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 261
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 2
41 Met Trp Asp Leu Val Leu Ser Ile Ala Leu Ser Val Gly Cys Thr Gly
42 1                    5                    10                    15
43 Ala Val Pro Leu Ile Gln Ser Arg Ile Val Gly Gly Trp Glu Cys Glu
44 20                    25                    30
45 Lys His Ser Gln Pro Trp Gln Val Ala Val Tyr Ser His Gly Trp Ala
46 35                    40                    45
47 His Cys Gly Gly Val Leu Val His Pro Gln Trp Val Leu Thr Ala Ala
48 50                    55                    60
49 His Cys Leu Lys Lys Asn Ser Gln Val Trp Leu Gly Arg His Asn Leu
50 65                    70                    75                    80
51 Phe Glu Pro Glu Asp Thr Gly Gln Arg Val Pro Val Ser His Ser Phe

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52		85		90		95	
53	Pro His Pro Leu Tyr Asn Met Ser Leu Leu Lys His Gln Ser Leu Arg						
54		100		105		110	
55	Pro Asp Glu Asp Ser Ser His Asp Leu Met Leu Leu Arg Leu Ser Glu						
56		115		120		125	
57	Pro Ala Lys Ile Thr Asp Val Val Lys Val Leu Gly Leu Pro Thr Gln						
58		130		135		140	
59	Glu Pro Ala Leu Gly Thr Thr Cys Tyr Ala Ser Gly Trp Gly Ser Ile						
60	145		150		155		160
61	Glu Pro Glu Glu Phe Leu Arg Pro Arg Ser Leu Gln Cys Val Ser Leu						
62		165		170		175	
63	His Leu Leu Ser Asn Asp Met Cys Ala Arg Ala Tyr Ser Glu Lys Val						
64		180		185		190	
65	Thr Glu Phe Met Leu Cys Ala Gly Leu Trp Thr Gly Gly Lys Asp Thr						
66		195		200		205	
67	Cys Gly Gly Asp Ser Gly Gly Pro Leu Val Cys Asn Gly Val Leu Gln						
68		210		215		220	
69	Gly Ile Thr Ser Trp Gly Pro Glu Pro Cys Ala Leu Pro Glu Lys Pro						
70	225		230		235		240
71	Ala Val Tyr Thr Lys Val Val His Tyr Arg Lys Trp Ile Lys Asp Thr						
72		245		250		255	
73	Ile Ala Ala Asn Pro						
74		260					
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77	<211> LENGTH: 20						
78	<212> TYPE: DNA						
79	<213> ORGANISM: artificial sequence						
81	<220> FEATURE:						
82	<223> OTHER INFORMATION: forward primer						
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88	<211> LENGTH: 20						
89	<212> TYPE: DNA						
90	<213> ORGANISM: artificial sequence						
92	<220> FEATURE:						
93	<223> OTHER INFORMATION: reverse primer						
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99	<211> LENGTH: 23						
100	<212> TYPE: DNA						
101	<213> ORGANISM: artificial sequence						
103	<220> FEATURE:						
104	<223> OTHER INFORMATION: probe						
106	<400> SEQUENCE: 5						
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**VERIFICATION SUMMARY**

DATE: 08/07/2006

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date